

Universal Modem-to-Antenna Adaptor

Product code: ADPT-026



This device couples to the modem internal antenna signal and diverts it to a booster antenna thereby ensuring better signal reception and ultimately better communications.

The coupler is slid over the modem (see photos). You then connect the other end of coupler to one of our booster antennas via the SMA (female) connector. The booster antenna can be mounted on the outside of the building and pointed to your closest cellular base station to ensure good reception.

Features:

- Works with most USB and express card Modems

- Lightweight

- Robust

Application:

Connecting any 3G/HSDPA modem to a high gain antenna for improved range and communication.

Specifications:

Product Code:

ADPT-026

0.5m RG174 with SMA type (f) connector

Electrical:

Frequency

880-960 and 1710-2170 MHz

VSWR

< 6:1 (coupled) < 10:1 (free space)

Coupling Loss (min over band)

-4 dB

Coupling Loss (max over band)

-7 dB

Nominal input impedance

50 Ohm

Mechanical:

Dimensions (l x w x t)

45 mm x 36 x 22 mm

Weight

20. g

Mounting

Slide over modem

Environmental:

Temperature Range

- 20° C to +70° C

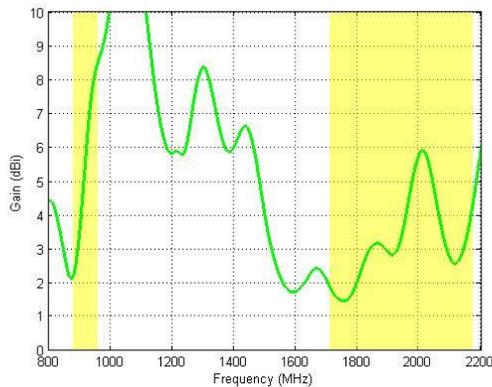
Shock

40G at 10 msec

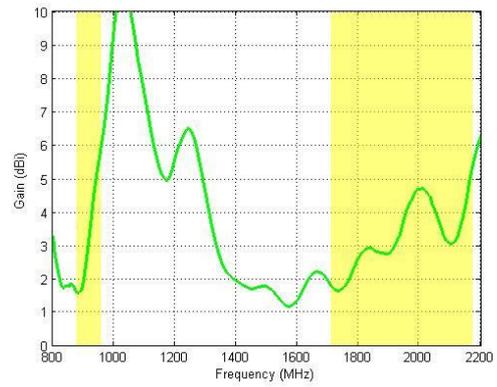
Thermal Shock

-20°C to +70°C:10 cycles

Measured VSWR



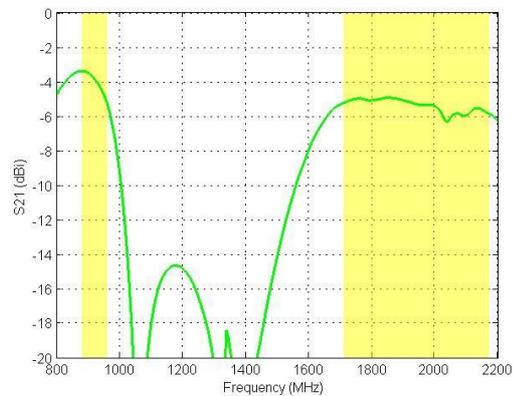
VSWR (free space)



VSWR (coupled)



Connected



Coupling Loss to internal modem antenna